

## IN THE CLAIMS

This listing of claims replaces all prior listings:

1. (canceled).

2. (currently amended) A display device comprising: according to claim 1,  
a light-emitting layer between a first electrode and a second electrode; and  
a resonator structure resonating light generated in the light-emitting layer between a  
first end portion and a second end portion,

wherein an optical distance  $L_1$  between the first end portion and a maximum light-  
emitting position of the light-emitting layer satisfies Mathematical Formula 1,

$L_1 = tL_1 + a_1$ , (Mathematical Formula 1)

where  $(2tL_1)/\lambda = -\Phi_1/(2\pi) + m_1$ , and

where  $tL_1$  represents an optical distance between the first end portion and the  
maximum light-emitting position,  $a_1$  represents a correction amount based upon a light-  
emitting distribution in the light-emitting layer,  $\lambda$  represents a peak wavelength of the  
spectrum of light desired to be extracted,  $\Phi_1$  represents a phase shift of reflected light  
generated in the first end portion, and  $m_1$  is 0 or an integer,

wherein an optical distance  $L_2$  between the second end portion and the maximum  
light-emitting position of the light-emitting layer satisfies Mathematical Formula 2,

$L_2 = tL_2 + a_2$ , (Mathematical Formula 2)

where  $(2tL_2)/\lambda = -\Phi_2/(2\pi) + m_2$ , and

where  $tL_2$  represents an optical distance between the second end portion and  
the maximum light-emitting position,  $a_2$  represents a correction amount based upon a light-  
emitting distribution in the light-emitting layer,  $\lambda$  represents a peak wavelength of the  
spectrum of light desired to be extracted,  $\Phi_2$  represents a phase shift of reflected light  
generated in the second end portion, and  $m_2$  is 0 or an integer,

wherein a distance  $L$  between the first end portion and the second end portion equals  
the sum of the distance  $L_1$  and the distance  $L_2$ ,

wherein the correction amount  $a_1$  satisfies Mathematical Formula 3,

$a_1 = b(\log_e(s))$ , (Mathematical Formula 3)

where  $b$  is a value within a range of  $2n \leq b \leq 6n$  in the case where the light-  
emitting distribution in the light-emitting layer extends from the maximum light-emitting  
position to the first electrode, or a value within a range of  $-6n \leq b \leq -2n$  in the case where

the light emitting distribution extends from the maximum light-emitting position to the second electrode,  $s$  represents a physical value ( $1/e$  decay distance) relating to the light-emitting distribution in the light-emitting layer,  $n$  is an average refractive index between the first end portion and the second end portion in the peak wavelength  $\lambda$  of the spectrum of light desired to be extracted, and

wherein the correction amount  $a_2$  satisfies Mathematical Formula 4,

$a_2 = -a_1$  (Mathematical Formula 4).

3. (currently amended) A display device according to claim 2, further comprising:  
an organic layer including the light emitting layer between the first electrode and the second electrode.

4. (canceled).

5. (currently amended) A display unit comprising: according to claim 4,  
a display device comprising a light-emitting layer between a first electrode and a  
second electrode, and a resonator structure resonating light generated in the light-emitting  
layer between a first end portion and a second end portion,

wherein an optical distance  $L_1$  between the first end portion and a maximum light-  
emitting position of the light-emitting layer satisfies Mathematical Formula 1,

$L_1 = tL_1 + a_1$ , (Mathematical Formula 1)

where  $(2tL_1)/\lambda = -\Phi_1/(2\pi) + m_1$ , and

where  $tL_1$  represents an optical distance between the first end portion and the  
maximum light-emitting position,  $a_1$  represents a correction amount based upon a light-  
emitting distribution in the light-emitting layer,  $\lambda$  represents a peak wavelength of the  
spectrum of light desired to be extracted,  $\Phi_1$  represents a phase shift of reflected light  
generated in the first end portion, and  $m_1$  is 0 or an integer,

wherein an optical distance  $L_2$  between the second end portion and the maximum  
light-emitting position of the light-emitting layer satisfies Mathematical Formula 2,

$L_2 = tL_2 + a_2$ , (Mathematical Formula 2)

where  $(2tL_2)/\lambda = -\Phi_2/(2\pi) + m_2$ , and

where  $tL_2$  represents an optical distance between the second end portion and  
the maximum light-emitting position,  $a_2$  represents a correction amount based upon a light-  
emitting distribution in the light-emitting layer,  $\lambda$  represents a peak wavelength of the

spectrum of light desired to be extracted,  $\Phi_2$  represents a phase shift of reflected light generated in the second end portion, and  $m_2$  is 0 or an integer, and

wherein a distance L between the first end portion and the second end portion equals the sum of the distance  $L_1$  and the distance  $L_2$ ,

wherein the correction amount  $a_1$  satisfies Mathematical Formula 3,

$a_1 = b(\log_e(s))$ , (Mathematical Formula 3)

where b is a value within a range of  $2n \leq b \leq 6n$  in the case where the light-emitting distribution in the light-emitting layer extends from the maximum light-emitting position to the first electrode, or a value within a range of  $-6n \leq b \leq -2n$  in the case where the light emitting distribution extends from the maximum light-emitting position to the second electrode, s represents a physical value (1/e decay distance) relating to the light-emitting distribution in the light-emitting layer, n is an average refractive index between the first end portion and the second end portion in the peak wavelength  $\lambda$  of the spectrum of light desired to be extracted, and

wherein the correction amount  $a_2$  satisfies Mathematical Formula 4,

$a_2 = -a_1$  (Mathematical Formula 4).

6. (currently amended) A display unit according to claim 5 4, further comprising:

an organic layer including the light emitting layer between the first electrode and the second electrode.